

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	97	US-5574526-\$.DID. OR US-4320945-\$.DID. OR US-5223981-\$.DID. OR US-5854711-\$.DID. OR US-5973857-\$.DID. OR US-6141158-\$.DID. OR US-5724194-\$.DID. OR US-5790902-\$.DID. OR US-4461544-\$.DID. OR US-5278601-\$.DID. OR US-4412164-\$.DID. OR US-4534624-\$.DID. OR US-5604560-\$.DID. OR US-5628035-\$.DID. OR US-5689375-\$.DID. OR US-5731897-\$.DID. OR US-5898526-\$.DID. OR US-5907724-\$.DID. OR US-5937215-\$.DID. OR US-5956187-\$.DID. OR US-5978156-\$.DID. OR US-6124986-\$.DID. OR US-6134390-\$.DID. OR US-6452732-\$.DID. OR US-6917460-\$.DID. OR US-6968129-\$.DID. OR US-20070154198-\$. DID. OR US-5652923-\$. DID. OR US-4486074-\$. DID. OR US-4542972-\$. DID. OR US-5270765-\$. DID. OR US-5477271-\$. DID. OR US-6043892-\$. DID. OR US-4322615-\$. DID. OR US-4804831-\$. DID. OR US-5212516-\$. DID. OR US-5387960-\$. DID. OR US-5455649-\$. DID. OR US-5583603-\$. DID. OR US-5627670-\$. DID. OR US-5771412-\$. DID. OR US-6041186-\$. DID. OR US-6061318-\$. DID. OR US-6163340-\$. DID. OR US-4257272-\$. DID. OR US-4257705-\$. DID. OR US-4293864-\$. DID. OR US-4299462-\$. DID. OR US-4308527-\$. DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/08/21 15:26

S2	627	(396/85,133).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/21 16:02
S3	631	(359/824).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/21 16:02
S4	1	((focus lens) and (focus adj (driv\$4 or actuator)) and (support \$4 with focus adj (driv \$4 or actuator)) and compensation adj lens and displacement adj lens and (zoom adj (driv\$4 or actuator)) and (second and third) adj zoom with driv\$4 adj part).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:11
S5	1	((focus lens) and (focus adj (driv\$4 or actuator)) and (support \$4 with focus adj (driv \$4 or actuator)) and compensation adj lens and displacement adj lens and (zoom adj (driv\$4 or actuator)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:12
S6	1	((focus lens) and (focus adj (driv\$4 or actuator)) and (support \$4 with focus adj (driv \$4 or actuator)) and compensation adj lens and displacement adj lens and (zoom adj (driv\$4 or actuator))). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:12
S7	1	((focus lens) and (focus adj (driv\$4 or actuator)) and (support \$4 with focus adj (driv \$4 or actuator)) and compensation adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:12
S8	1	S2 and (focus lens) and (compensation lens) and ((zoom and focus) adj (driv\$4 or actuator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:21
S9	1	S3 and (focus lens) and (compensation lens) and ((zoom and focus) adj (driv\$4 or actuator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:22

S10	21634	"396"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:22
S11	7	S10 and (focus lens) and (compensation lens) and ((zoom and focus) adj (driv\$4 or actuator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:22
S12	1	zoom adj driv\$ adj part with (support\$4 or fix \$4 or hold\$4) adj3 compensation adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:24
S13	1969	displacement lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:25
S14	1	S11 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:25
S15	107	S10 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:25
S16	1	zoom adj actuator with (support\$4 or fix\$4 or hold\$4) adj4 displacement lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:26
S17	8	(driv\$4 or actuator) with (support\$4 or fix \$4 or hold\$4) adj4 displacement lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:26
S18	49	(driv\$4 or actuator) with (support\$4 or fix \$4 or hold\$4) with displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:28
S19	1969	displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:30

S20	107	S10 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:30
S21	14	compensation adj lens and displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:42
S22	0	zoom adj (driv\$4 or actuator or motor) near move adj displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:59
S23	1	zoom adj (driv\$4 or actuator or motor) with move adj displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:59
S24	106315	"359"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:59
S25	4	S21 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 16:59
S26	1	(third adj zoom adj driv \$4 part).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 17:17
S27	1	(third adj zoom adj driv \$4 part)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 17:18
S28	20	("4076389" "4636041" "4739359" "4948235" "5113261" "5140468" "5166829" "5298933" "5570149" "5606383" "5621568" "5625487" "5627683" "5636062" "5689739" "5694624" "5708535" "5742850" "5790908"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 17:41

		"6031998").PN. OR ("7345836").URPN.				
S29	8	("3851952" "4213686" "4255020" "4332444" "4870436" "5077569").PN. OR ("5594517").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 17:51
S30	37	compensat\$4 adj lens and displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 17:54
S31	11	S24 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 17:54
S32	2	S10 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 17:54
S33	12	("20020102102" "2002376" "20050057812" "4407567" "4834512" "5986811" "6111900" "6658208" "6833938").PN. OR ("7057826").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 17:55
S34	1	S2 and S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 18:05
S35	1	S2 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 18:05
S36	1	compensat\$4 adj lens adj group with mov\$4 adj (trajectory or path)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 18:06
S37	4257	zoom adj (actuator or driv\$4 or motor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 18:07

S38	1	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 18:07
S39	1	zoom transition path	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 18:22
S40	1	zoom adj actuator with driv\$4 near first zoom driv\$4 adj (part or element)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 18:22
S41	2	"20070154198"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 10:32
S42	4	"7209175"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 10:44
S43	2	"7142780"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 10:46
S44	2	"7359003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 10:55
S45	142346	"455"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:05
S46	42649	focus\$4 and zoom\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:06
S47	561	S45 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:06

S48	2789	compensat\$4 adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:07
S49	1	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:07
S50	3	S45 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:10
S51	0	(actuator or driv\$4 or motor) adj moves with ((zoom and (focusor compensat\$4)) adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 16:56
S52	0	(actuator or driv\$4 or motor) adj (moving or driv\$4) near ((zoom and (focusor compensat\$4)) adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 16:56
S53	87	(actuator or driv\$4 or motor) adj (moving or driv\$4) near ((zoom and (focus or compensat\$4)) adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 16:56
S54	393	(actuator or driv\$4 or motor) adj (moving or driv\$4) with ((zoom and (focus or compensat\$4)) adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 17:12
S55	1663	(actuator or driv\$4 or motor) with ((zoom and (focus or compensat\$4)) adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 17:12
S56	4	"6356307"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 17:36
S57	5	("4994842" "5161026" "5463442").PN. OR ("6356307").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 18:25

S58	6	oh-hyeong-ryeol.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 14:38
S59	16	"5978161"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 14:41
S60	13	("5691842").PN. OR ("5978161").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/03 14:42
S61	14	("20030178911" "20030219244" "20060061223" "20060061890" "20060061891" "20060062559" "4596449" "4605286" "4639084" "5237357" "5847874" "5978161" "6424472").PN. OR ("7221526").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/03 14:44
S62	2	jp-2004077968-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 14:52
S63	1	jp-62180337-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 15:16
S64	2	"0045209"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 15:23
S65	0	shin-yeongu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 15:30
S66	0	yeongu-shin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 15:31

S67	100298	"348"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:07
S68	1429195	focus adj lens and compensat\$4 adj lens and focus adj actuator and shaft or rod or guide adj part and driv\$4 with compensation and displacement adj lens and driv\$4 with displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:09
S69	1	focus adj lens and (compensat\$4 adj lens) and (focus adj actuator) and (shaft or rod or guide adj part) and (driv\$4 with compensation adj lens) and (displacement adj lens) and driv\$4 with displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:10
S70	2915	S67 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:10
S71	0	S67 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:11
S72	106668	"359"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:11
S73	8836	S68 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:11
S74	1	S69 and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:11

S75	142977	"455"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:12
S76	2224	S68 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:12
S77	115	S73 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:13
S78	1	focus adj lens and (compensat\$4 adj lens) and (focus adj actuator) and (support adj shaft or guide adj rod or guide adj part) and (driv\$4 with compensation adj lens) and (displacement adj lens) and driv\$4 with displacement adj lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:14
S79	3832	S72 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:15
S80	115	S68 and S79	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 16:16

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